

BOARD FINALLY DECIDES TO KILL TYPHOID GERMS

(Continued From First Page.)

Installation of this plant, also the services of Mr. Richard Messer, Sanitary Engineer of the State Board of Health, is desired in this connection. The Superintendent of Water is instructed to obtain plans and estimates of cost for the installation of a permanent liquid chlorine plant and hypochlorite plant.

Install Plant To-Day. Having been authorized to take the emergency step for the suppression of the typhoid outbreak, Acting Superintendent Lawton and Dr. Levy will lose no time in securing and presenting the data desired by the Administrative Board regarding the cost of a permanent plant. For immediate use, an emergency plant, made of whiskey barrels and a box, will be set up some time to-day. The hypochlorite of lime is mixed with the water in the proportion of about one pound of lime to 1,000 gallons of water, meaning that about four or five pounds of the hypochlorite will be required to operate the plant at the Settling Basin one day. Three days' supply was ordered yesterday afternoon to be delivered by express, the remaining portion of the order being forwarded by freight. The express order will arrive in the city to-day.

The application of the hypochlorite to the water to-day will remove all possibility of typhoid infection at once, in the opinion of the men behind the plan. For the future, all suspicion will be removed. In view of the fact that typhoid fever does not develop until about three weeks after the infected water or milk is taken into the human system, fresh cases of typhoid reported during the next three weeks will be charged to the water where proof of the existence of any other carrier is lacking. No decrease in the outbreak is expected until the end of three weeks, although all possibility of future infection from the water supply will be removed.

Dr. Levy Snubbed. Although the Administrative Board addressed a request to the Board of Health on Monday night to allow the Chief Health Officer to appear in person before the Administrative Board and explain his fears about the contamination of the water supply, no opportunity was given the Chief Health Officer to speak to the board yesterday morning when he appeared. Dr. Levy has uttered no word of criticism of the Administrative Board since the outbreak of the water controversy, yet he was abruptly cut off when he sought to supplement the offer of co-operation from the Board of Health made to the Administrative Board yesterday by Dr. W. T. Oppenheimer, president.

State Health Commissioner Williams and Dr. Allen W. Freeman, Executive Health Department's typhoid expert, again appeared before the board, but did not add to their previous recommendation for the installation of the hypochlorite plant. After bluntly snubbing Dr. Levy, the members of the Administrative Board passed a resolution thanking Drs. Williams and Freeman for urging the adoption of Dr. Levy's recommendation. E. O. Baldwin, chemist at the Settling Basin, produced the report of his five-day tests of city water for the presence of typhoid fever, showing that since June 15 the water has been practically free from colon bacilli, only one test being positive this month. On Saturday he reported the water as showing that 15 per cent of the month's tests showed the presence of colon bacilli. This is accepted to mean that the infection was present in the water more than three weeks ago, but is now receding. The report of the recurrence of the infection at future cleanings of the coagulating basin is killed by the installation of the hypochlorite plant.

Got Cold Reception. Dr. Oppenheimer explained to the board, in a speech that was not received with enthusiasm, that the Health Board's action in asking that requests by the Administrative Board be referred to the Board of Health, had been misunderstood. The Health Board never intended its action to be construed into meaning that it wished to block any and all co-operation with the Administrative Board in settling health matters; on the contrary, said Dr. Oppenheimer, the Health Board would demand an explanation from Dr. Levy if he refused to consult with the Administrative Board any time. His advice was asked. The Chief Health Officer had intended no slight by making his recommendation for the hypochlorite plant through Superintendent Davis, said Dr. Oppenheimer, and both Dr. Levy and the Health Board regretted that the misunderstanding had arisen.

Commissioners Hirschberg and Beck attacked the Times-Dispatch for criticizing the failure of the Administrative Board to follow the Chief Health Officer's safety recommendation. Mr. Beck declaring that the board "don't need advice from anybody."

Mr. Bolling Qualifies. City Engineer Bolling, who has been drawn into the controversy as an engineering bacteriologist, addressed a letter to the Administrative Board, giving in writing the statements which he had made in person to the board regarding the purity of the water supply. His letter read:

"Gentlemen: In view of the widespread discussion of the typhoid situation in Richmond, and its causes, I wish to make a clear statement of what has been told you verbally by me when your board sought my opinion on this matter.

That from the evidence before me, I did not believe the water impure or unwholesome. If a hypochlorite plant was to be erected, that it should be of proper design and construction for the control and mixing of the lime solution, in order that the proper amount might be applied. That no matter what the cost, I deemed it important

You're in the Minority

if you haven't attended this sale of Suits at \$18.00 and \$20.00, a sale that has not only been patronized by a host of men, but which has given most of them 100 per cent satisfaction. They're yardage surpluses, on account of woolen mills strikes delivered ninety days late, and represent 45 per cent to 33 1-3 per cent more value than the prices call for. Your wardrobe will welcome the addition of such suits as these at

\$18 and \$20

BURK & COMPANY,
MAIN AND EIGHTH STREETS.

and requisites that any and every means should be used to make the water pure. That if the Chief Health Officer believed the water the cause of the present typhoid in Richmond, he should order all drinking water boiled. I know that hypochlorite is used in many places as a germicide, and I am not opposed to such a plant; but advised one of the best of construction when installed.

On Sunday last Mr. Lawton, Assistant Superintendent of the Water Works, had a long conference with me, and I advised him to report to you as early as possible a plan and estimate of cost of a hypochlorite plant, furnishing him at the time with a report and full drawing showing the style and construction of those in New York City, as published in Engineering News, February, 1912.

I have taken no issue with Dr. Levy, Dr. Freeman, or any one else as to the erection of a hypochlorite plant, but did ask Dr. Freeman on yesterday if he regarded such treatment of water as a complete destroyer of the typhoid

germ, or the colon bacillus, and dismissed him in your presence the best location for such a plant. In the News Leader of the 23d instant, Dr. Levy states, "the city water supply is perfectly safe for drinking purposes," confirming my opinion as to the water at this time, and I hope dispelling and relieving the fears of many, who have naturally been much alarmed.

I wish to state that I have the highest opinion of Dr. Levy, having been the first one in this city to seek his advice and aid, and worked and advised with him for a year or more, in the preparation of plans for the supplying of Richmond with clear and healthy water.

Having been misquoted, I would request that a copy of this statement be published in the newspapers, concluding with my expressed opinion that no cost or outlay is too great for the insurance of a good and pure drinking water. Yours truly,
CHARLES E. BOLLING,
City Engineer.

HEALTH BOARD URGES WATER PLANT CHANGE

Mayor Requested to Present Matter to Council as a Means of Protecting Citizens—Want Daily Reports From Settling Basins.

At a special meeting last night of the Board of Health, which was called to consider the water and typhoid situation in Richmond, a resolution was unanimously adopted approving certain changes in the methods of operating the Water Works, heretofore recommended to Mayor Amis by Chief Health Officer E. C. Levy. The changes include the installation of a more effective system of opening and closing the headgates where the water is taken from the river, protection of the Settling Basin from drainage of surface water from the Chesapeake and Ohio Railroad tracks, changing the grade of the driveway around New Reservoir to make it drain outward instead of into the reservoir, as at present, restoring the old method of pumping into the Lee District standpipes from the reservoir instead of from the flume direct, and shifting an ever-flowing of the canal which now empties surface drainage into the river just above the intake of the Settling Basin. The resolutions adopted by the Board of Health urge the Mayor to make the matter the subject of a special message to the City Council, in order that a proper appropriation can be made to safeguard the water supply in every way.

Want Daily Reports. Another resolution unanimously adopted by the Board of Health last night requests the Administrative Board to instruct the director of the Settling Basin to forward to the Health Department a copy of his daily analysis of the city water supply. These analyses are made daily by Director Baldwin of the Settling Basin, and a complete record kept at the basins.

Under the present plan a monthly transcript is furnished the Health Department showing the daily analysis. The report for the month of May did not reach the health office until June 26, before which date Chief Health Officer Levy, of the City Health Department, and Assistant Health Commissioner A. W. Freeman, of the State department, had been forced to the conclusion that the prevalence of typhoid was due to water infection, and it was reported on June 17 to Superintendent Davis asking him to install the chloride of lime plant which was yesterday ordered installed by the Administrative Board. Examination of Mr. Baldwin's report for May shows conclusively that the water was at fault during a part of the month while one of the basins was being cleaned, and that the plant is now in good working order, with the danger of typhoid eradicated. Under normal conditions, the process of coagulation at the basins has been shown to remove 90 to 95 per cent of bacteria from the water.

Dropped 7 Per Cent. In some instances, when the plant has been run at its highest efficiency, records show as high as 99 per cent bacteria reduction. During May, when one basin was being cleaned, and the other had to be used continually, with raw water pouring in one end and the pumps drawing from the other, the bacterial reduction showed as low as 74 per cent. Had this information been in the hands of the Health Department last May, steps could have been taken then to apply scientific methods, or the public could have been put on notice to boil all water, and much of the present number of typhoid cases could have been prevented. This was shown in the case in South Richmond, where the breaking of a valve caused the pumping of raw water for a time in April. As soon as Dr. Levy heard of it, he and Superintendent Davis went to the scene and installed a chloride of lime plant, consisting of

Awards Big Contract. On the recommendation of Messrs. Beck and Hirschberg, and the Superintendent of the Gas Works, the Administrative Board yesterday awarded a contract for the erection of the new 100,000 cubic foot gas holder for the city to Daily-Fowler Company of Philadelphia, which offered the lowest bid at \$11,200.

Passes Away at His Home in West Point



WILLIAM LAWRENCE WHEELER, a-to-date and progressive farmer, who died, after several months' illness, on Saturday morning. The funeral was held Monday.

CATHOLIC SCHOOL TO BE BUILT SOON

Alumni Association of St. Peter's Will Launch Movement for New School Building.

Following several stirring talks before the annual meeting of the St. Peter's Alumni Association last night, a movement was launched to erect a new building for the school. The present school, at Ninth and Marshall Streets, is wholly inadequate to accommodate the rapid growth of the institution, and another modern structure is an absolute necessity. At the next regular business meeting of the association the matter will be taken up and the question threshed out at length.

The meeting last night was purely a social affair. It was held in the auditorium of the Methodist Union, where a banquet was served. About 150 or half of the entire membership of the association were present. The principal speaker, Rt. Rev. D. J. O'Connell, D. D., was introduced by J. A. Dart, president of the association. The toastmaster of the occasion was Edward L. Ryan. Short addresses were made by Maurice A. Powers and John W. Moore and several others. All spoke in an optimistic vein and predicted a great future for the school.

A feature of the evening was the initiation of the seven members of the class of 1912, who received diplomas last Friday night. The youngsters were required to furnish some sort of entertainment for the company. St. Peter's is one of the oldest private institutions of learning in Richmond. It was founded nearly a century ago, and has been under the supervision of the Xaverian Brothers for thirty-four years. While preparatory classes are provided for the greater part of the school work is devoted to commercial studies. The school has several hundred pupils, and is increasing rapidly each year.

STORM SCARES GIRL TO DEATH.

Lightning Also Causes \$25,000 Fire in Fayetteville.

Fayetteville, N. C., June 24.—A thunderstorm, which frightened a girl to death, may have been the cause of fire which destroyed the manufacturing plant of the Fayetteville Woodware Company, passed over this place about 9 o'clock Sunday night. It is thought likely that the fire in the woodenware plant, which was not discovered until 10:30 o'clock, may have been started by a bolt of lightning, a fire which followed this one, about four hours, and caused the death of an aged colored woman, is said to have been incendiary. This was at a small tenement house on Cool Spring Street.

Two negro women were living in the house. The younger woman succeeded in getting her little boy and the other woman out, but the older woman, Rose Cronan, remained on going back for some of her belongings. She never came out again.

The fire at the woodenware company's plant, which was a manufacture of buckets and tubs, occasioned a loss of \$25,000, with insurance of \$15,000.

The same electric storm which may have done the damage to the bucket factory

lighted the house of a negro girl, on Chance Street, burned a strawberry-packing house at "Marble Hill," S. S. Strange's farm, four miles north of the city, and also struck at D. B. Gillis's farm in Seventy-first Township. The force of the bolt at the Gillis farm knocked over two mules, but this was the worst damage done there. Neither of the mules was killed.

LAW EXAMINERS AT ROANOKE.

About 125 Applicants Expected to Stand Tests To-Day.

[Special to The Times-Dispatch.] Roanoke, Va., June 24.—The Virginia State Board of Law Examiners met at the Hotel Roanoke this morning in session, preliminary to the examinations scheduled for to-morrow in the auditorium of the High School building. The examinations will begin at 9:30 o'clock Wednesday morning, and probably will conclude at 5 o'clock in the afternoon.

Of a total of 125 applicants before the board, about one-third are students who failed to pass at the examination in Richmond last November. All trains arriving here this morning brought numbers of young men from every section of the State, who will pit their training against the questions of the law examiners all day to-morrow.

It is expected that many others will arrive on later trains, and that the full class of 125 will be on hand. The names of applicants could not be learned, except by signing the roll. It is known that half a dozen or more Roanoke boys have been studying for several weeks in preparation for the board meeting. A. G. Weaver, of Front Road; R. C. Jackson, of Roanoke; W. D. Deale, of Norfolk; Walter Leigh of Danville; and Thomas R. Keith, of Fairfax, are the examiners, and they, with M. B. Watts, secretary of the board, were engaged in this morning's preparation of details of the work. The dean of the law school of the University of Virginia, who is appointed by the Governor, and holds two sessions annually, one in November in Richmond and another in June at Roanoke.

Henry C. Stuart Here. Henry C. Stuart, Democratic nominee for Governor, was in Richmond for a short time yesterday. He returned from the New England Coast, where he had taken his family for the summer, and left last night for his home in Russell County. Although he has no opposition in the primary, and may have none in the general election, he expects to visit the various sections of the State, and may make several addresses during the campaign.

IMPORTANT CHANGE IN CURRENCY BILL. (Continued From First Page.)

Directly affected by monetary changes, Members of the Senate Committee on Banking and Currency, Democrats and Republicans, will meet President Wilson at the White House to-morrow night for their first discussion of the new measure. Representative Lindbergh, of Minnesota, Progressive member of the House Banking and Currency Committee and originator of the "money trust" investigation, criticized the new bill in a statement to-day.

"If enacted in its present form," he said, "the bill would deal with the banking interests only. It has no direct relation to the people except in the creation of a national reserve board."

EXAMINATION TO-DAY

State Medical Board Begins Work With Recent Graduates. The State Board of Medical Examiners will meet to-day for the examination of recent graduates of the two medical colleges in Richmond and of the University of Virginia, who desire to be licensed to practice in this State. Each candidate for license is required to file with the board a photograph, a statement of his educational history, and a statement of the medical school attended, and a statement of his preliminary education. The examinations will be in progress for the next three days, after which the examiners will take the written examination. The list of graduates, before announcing the list of graduates, Dr. R. S. Martin, of Stuart, Va., is chairman, and Dr. H. Herbert Old, of Norfolk, secretary.

Judgment for Plaintiff. Judgment for the sum of \$4,555 was awarded the plaintiff by the jury of the Law and Equity Court yesterday in the suit of O. O. A. H. against L. Marshall Vaughan and Henry Vaughan, trading as Vaughan & Co.

FORGERY CHARGE BROUGHT OUT IN SCHOOL HEARING

(Continued From First Page.)

Veterans in Danville, showing that Mr. Wheatley had been a regular contributor to Confederate celebrations, monuments, funds, etc. Mr. Fitzgerald, clerk of the School Board of Danville, endorsed Mr. Wheatley as the choice of the people of that city. No one appeared for his opponent, Stuart A. Stegner.

The contest from Dickenson County furnished the sensation of a long-drawn-out and sleepy afternoon. Dr. French, speaking for E. E. French, his father, and the incumbent, said that since coming to Richmond he had found in the files of the State Board of Education charges against his father. Most of these were unsigned and insignificant, except one signed by R. A. Long, Democratic county chairman. He had heard that this letter was on file, and had seen Mr. Long before leaving home.

Calls Letter a Forgery. "Long told me that he did not write any such letter," said Dr. French, and I have here a letter to you from him, stating that it is absolutely a forgery, and that the charges it contains are untrue.

"Have you any idea who perpetrated that forgery?" asked Governor Mann. "I have examined the letter," replied Dr. French, "and have not. It looks to me as though written by a child or possibly by some one with his left hand."

P. L. Sutherland spoke for W. O.

Hot Springs Liver Buttons Are in Town

Thousands Throwing Away Calomel for Great New Constipation Conqueror.

Tune up your liver; clean your bowels of foul waste; drive poisonous gases from your stomach; revive your jaded appetite; end constipation and feel fine and full of energy in twenty-four hours.



Throw Away Calomel; It's Dangerous; You Know It; Everybody Knows It.

Hot Springs Liver Buttons are different. They are harmless; act gently yet surely on the bowels and do not cause a particle of after misery.

It's a joyful laxative and more; it's fine for dizziness, biliousness, sick headache, yellow skin and malaria and is as safe and splendid for children as for grown up people. Everybody needs them; a box for 25c at all druggists. Postcard brings you free samples and 100 of our 17,000 testimonials from Hot Springs Chemical Co., Hot Springs, Ark.

Fonticello Mineral Water

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Ordinary water is frequently the cause of protracted illness and death.

Every bottle of Fonticello is sterilized before being filled.

It comes to you as pure as when it bursts through its granite bed.

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and get a demijohn to-day.

It Saves Doctor's Bills

Deed, of Dickenson County, as the only college trained man in the race, and the first opportunity Dickenson County has had to have a college-trained man for superintendent. W. A. Dyer and M. T. Mead were not represented. E. T. Rasmick was represented by E. T. Counts. Dr. French closed for his father, claiming that not a word had been said against the incumbent, and that "the other fellows were merely after the job."

No one appeared in the contests from Danville or Fluvanna Counties.

In the contest in Floyd County, where there are five candidates, F. H. Braune appeared for I. L. Epperley. He was opposed to Mr. Showalter as a resident of Pulaski, and a Republican; he was opposed to C. W. Vaughan as a resident of Loudoun and a "hard-shell" Baptist, who had "better be left there." Mr. Willis, he said, didn't read, but he was a school superintendent for the past sixteen years, and who is now voluntarily retiring, succeeded Mr. Willis sixteen years ago. Mr. Willis, he said, had merely filed his application from force of habit—in fact had been filing it right along for the past thirty years.

Thinks He Is Too Old. The real issue, contended Mr. Braune, was between Judge W. D. Vaughan and Mr. Epperley. Judge Vaughan was a lawyer and man of standing and character, against whom he said any thing, but he had never had special training in school work, and his health was not good enough to ride over mountain roads visiting distant schoolhouses. But for his age, he would have had the honor of the entire county, said Mr. Braune.

The county schools, he thought, needed an active, energetic young man. Mr. Epperley was indorsed by fourteen out of the thirty-one school trustees. Judge Vaughan being at present a school trustee, Mr. Epperley was also indorsed by the county Democratic chairman and by four out of the five county supervisors. He wished to deny a rumor that had been spread that he was a "hard-shell" Baptist and would rule the schools according to the teachings of that sect.

"I don't think it is necessary to bring politics and religion both into every case," protested Superintendent Stearnes.

"I merely wanted to set the record right, as such reports have been circulated," replied Mr. Braune. "Mr. Epperley leans to the Presbyterians, though as far as I personally understand the matter, there is little difference."

"We will take it for granted that his church affiliations are all right," responded Mr. Stearnes, who is himself an active Presbyterian.

Captain E. P. Shelton, the present superintendent, who, after a service of sixteen years, has not applied for reappointment, spoke for Judge Vaughan. He told of the development of the schools under his management, and said he felt it his duty to come to the board and tell the board that Judge Vaughan was the best equipped man in Floyd County to fill the position and carry on his work.

The hearings, it was stated by Mr. Stearnes, are about one-half completed, and will be resumed at 10 A. M. to-day.

MEETING OF CREDITORS.

T. A. Williams Elected Trustee in Bankruptcy of Knitting Mill.

[Special to The Times-Dispatch.] Williamsburg, Va., June 24.—A meeting of the creditors of the Williamsburg Knitting Mill and T. C. Groat was held here to-day before John C. Locke, referee in bankruptcy, of Newport News. T. A. Williams, of the law firm of O'Flaherty, Hyrd & Williams, of Richmond, was elected trustee in bankruptcy. The meeting was held in the law offices of Henley, Garrett & Hall, and most of the creditors were represented either by attorney or in person.

The annual picnic of Williamsburg Masonic Lodge, No. 8, A. F. & A. M., was held at Hagers, on York River to-day, and was largely attended by

members and visiting brethren. Among the latter were Judge Sydney Smith, of Yorktown, and T. S. Harris, of Harris Grove.

Mrs. T. A. Lacy was taken to the Memorial Hospital, Richmond, Saturday, where she will undergo a surgical operation as soon as her condition will permit. She was reported as being better this morning, and her speedy recovery is expected.

Grand Regent Sayres, of Hampton, will be present and address Powhatan Council, Royal Arcanum, at its meeting Friday night.

Dr. Lyon G. Tyler, president of Williams and Mary College, has returned to his country home in Charles City after having spent several days here. His father, John Tyler, who has been ill with measles, is able to be out again, and will join his parents in Charles City.

WILL ENCAAMP AT RADFORD.

Eleventh United States Cavalry Will Spend July 4 in Virginia.

[Special to The Times-Dispatch.] Radford, Va., June 24.—The Eleventh United States Cavalry will encamp on the Radford Fair Grounds on July 4 on the way to Winchester, Va., from Fort Oglethorpe, Ga.

The cavalry is composed of 500 men and 300 horses, and will arrive here about 11 o'clock the morning of the fourth remaining until the following morning. Lieutenant Harris and his orderly, pathfinders of camps, were in town Sunday looking for a camping ground. Arrangements have been made for the reception of the cavalry.

The local fire association has charge of all entertainments on the grounds. There will be races in the afternoon. Horses from Edge Hill Stock Farm and from other stables will enter the races.

A large crowd is expected to anticipate in the merry-making. A band, composed of thirty-two pieces, is with the cavalry.

NOTICE

The City Democratic Committee will meet Wednesday afternoon at 4 o'clock at the Howitzers' Armory, North Eighth Street, to recount the ballots cast in the primary election June 12 for members of the House of Delegates and for justices of the peace in Madison Ward. All parties interested are invited to attend.

WALTER G. DUKE, Secretary.

(Advertisement.)

Wood's Seeds.

Late Seed Potatoes

June and early in July is the best time for planting for the fall crop for winter use. Our stocks are specially selected Seed Potatoes, put in cold storage early in the season, so as to keep in first-class, vigorous condition.

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